SECTION 1 - VEGETATIVE STABILIZATION METHODS AND MATERIALS

#### A. SITE PREPARATION

- INSTALL EROSION AND SEDIMENT CONTROL STRUCTURES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, BERMS, WATERWAYS, OR SEDIMENT CONTROL BASIN.
- PERFORM ALL GRADING OPERATIONS AT RIGHT ANGLES TO THE SLOPE. FINAL GRADING AND SHAPING IS NOT USUALLY NECESSARY FOR TEMPORARY SEEDING.
- iii. SCHEDULE REQUIRED SOIL TESTS TO DETERMINE SOIL AMENDMENT COMPOSITION AND APPLICATION RATES FOR SITES HAVING DISTURBED AREA OVER 5 ACRES.
- B. SOIL AMENDMENTS (FERTILIZER AND LIME SPECIFICATIONS)
  - SOIL TESTS MUST BE PERFORMED TO DETERMINE THE EXACT RATIO AND APPLICATION RATES FOR BOTH LIME AND FERTILIZER ON SITES HAVING DISTURBED AREAS OVER 5 ACRES. SOIL ANALYSIS MAY BE PERFORMED BY THE UNIVERSITY OF DISTRICT OF COLUMBIA OR A RECOGNIZED COMMERCIAL LABORATORY.
  - SAMPLES TAKEN FOR ENGINEERING PURPOSES MAY ALSO BE USED FOR CHEMICAL ANALYSIS.
  - FERTILIZERS SHALL BE UNIFORM IN COMPOSITION, FREE FLOWING, AND SUITABLE FOR ACCURATE APPLICATION BY APPROVED EQUIPMENT. MANURE MAY BE SUBSTITUTED FOR FERTILIZER WITH PRIOR APPROVAL FROM THE APPROPRIATE APPROVAL AUTHORITY. FERTILIZERS SHALL BE DELIVERED TO THE SITE, FULLY LABELED ACCORDING TO APPLICABLE STATE OR TRADEMARK, AND WARRANTY OF THE PRODUCER.
  - LIME MATERIALS SHALL BE GROUND LIMESTONE (HYDRATED OR BURNT LIME MAY BE SUBSTITUTED) WHICH CONTAINS AT LEAST 50% TOTAL OXIDES (CALCIUM OXIDE PLUS MAGNESIUM OXIDE) LIMESTONE SHALL BE GROUND TO SUCH FINENESS THAT AT LEAST 50% WILL PASS THROUGH A #100 MESH SIEVE, AND 98 TO 100% WILL PASS THROUGH A #20 MESH SIEVE.
  - iv. INCORPORATE LIME AND FERTILIZER INTO THE TOP 3 5" OF SOIL BY DISKING OR OTHER SUITABLE MEANS.

## C. SEEDBED PREPARATION

# TEMPORARY SEEDING

- a. SEEDBED PREPARATION SHALL CONSIST OF LOOSENING SOIL TO A DEPTH OF 3 INCHES TO 5 INCHES BY MEANS OF SUITABLE AGRICULTURAL OR CONSTRUCTION EQUIPMENT, SUCH AS DISC HARROWS, CHISEL PLOWS, OR RIPPERS MOUNTED ON CONSTRUCTION EQUIPMENT. AFTER THE SOIL IS LOOSENED, IT SHOULD NOT BE ROLLED OR DRAGGED SMOOTH, BUT LEFT IN THE ROUGHENED CONDITION. SLOPED AREAS (GREATER THAN 3:1) SHOULD BE TRACKED BY A DOZER LEAVING THE SURFACE IN AN IRREGULAR CONDITION WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE.
- APPLY FERTILIZER AND LIME AS PRESCRIBED ON THE PLANS.
- INCORPORATE LIME AND FERTILIZER INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS.

# D. SEED SPECIFICATIONS

**ISSUE 1 - ISSUE FOR CONSTRUCTION** 

95 % SUBMISSION

75 % SUBMISSION

25 % SUBMISSION

levisions:

VA FORM 08-6231

ALL SEED MUST MEET THE REQUIREMENTS OF THE MARYLAND STATE SEED LAW. ALL SEED SHALL BE SUBJECT TO RE-TESTING BY A RECOGNIZED SEED LABORATORY. ALL SEED USED SHALL HAVE BEEN TESTED WITHIN 6 MONTHS IMMEDIATELY PRECEDING THE DATE OF SOWING SUCH MATERIAL ON THIS JOB.

NOTE: SEED TAGS SHALL BE MADE AVAILABLE TO THE INSPECTOR TO VERIFY TYPE AND RATE OF SEED USED.

INOCULANT - THE INOCULANT FOR TREATING LEGUME SEED IN THE SEED MIXTURES SHALL BE A PURE CULTURE OF NITROGEN-FIXING BACTERIA PREPARED SPECIFICALLY FOR THE SPECIES. INOCULANTS SHALL NOT BE USED LATER THAN THE DATE INDICATED ON THE CONTAINER. ADD FRESH INOCULANT AS DIRECTED ON PACKAGE. USE FOUR TIME THE RECOMMENDED RATE WHEN HYDRO SEEDING, IT IS VERY IMPORTANT TO KEEP INOCULANT AS COOL AS POSSIBLE UNTIL USED. TEMPERATURES ABOVE 75-80 DEGREES FAHRENHEIT CAN WEAKEN BACTERIA AND MAKE INOCULANT LESS EFFECTIVE.

04.30.2013

02.17.2012

03.16.2011

10.29.2010

#### METHODS OF SEEDING

- HYDRO SEEDING: APPLY SEED UNIFORMLY WITH HYDRO SEEDER (SLURRY INCLUDES SEED AND FERTILIZER), BROADCAST OR DROP SEEDER, OR A CULTIPACKER SEEDER.
  - IF FERTILIZER IS BEING APPLIED AT THE TIME OF SEEDING THE APPLICATION RATES AMOUNTS WILL NOT EXCEED THE FOLLOWING NITROGEN - MAXIMUM OF 100 POUNDS PER ACRE TOTAL OF SOLUBLE NITROGEN; P205 (PHOSPHOROUS): 200 POUNDS/ACRE; K20 (POTASSIUM): 200 POUNDS/ACRE.
  - LIME USE ONLY GROUND AGRICULTURAL LIMESTONE (UP TO 3 TONS PER ACRE MAY BE APPLIED BY HYDRO SEEDING). NORMALLY, NOT MORE THAN 2 TONS ARE APPLIED BY HYDRO SEEDING AT ANY ONE TIME. DO NOT USE BURNT OR HYDRATED LIME WHEN HYDRO SEEDING.
  - SEED AND FERTILIZER SHALL BE MIXED ON SITE, AND SEEDING SHALL BE DONE IMMEDIATELY WITHOUT INTERRUPTION.
- DRY SEEDING: THIS INCLUDES USE OF CONVENTIONAL DROP OR BROADCAST SPREADERS.
  - SEED SPREAD SHALL BE INCORPORATED INTO THE SUBSOIL AT THE RATES PRESCRIBED ON THE TEMPORARY OR PERMANENT SEEDING SUMMARIES. THE SEEDED AREA SHALL THEN BE ROLLED WITH A WEIGHTED ROLLER TO PROVIDE GOOD SEED TO SOIL CONTACT.
  - WHERE PRACTICAL, SEED SHOULD BE APPLIED IN TWO DIRECTIONS PERPENDICULAR TO EACH OTHER. APPLY HALF THE SEEDING RATE IN EACH DIRECTION.
- iii. DRILL OR CULTIPACKER SEEDING: MECHANIZED SEEDERS THAT APPLY AND COVER SEED WITH SOIL.
  - CULTIPACKING SEEDERS ARE REQUIRED TO BURY THE SEED IN SUCH A FASHION AS TO PROVIDE AT LEAST 1/4 INCH OF SOIL COVERING. SEEDBED MUST BE FIRM AFTER PLANTING.
  - WHERE PRACTICAL, SEED SHOULD BE APPLIED IN TWO DIRECTIONS PERPENDICULAR TO EACH OTHER. APPLY HALF THE SEEDING RATE IN EACH DIRECTION.

#### F. MULCH SPECIFICATIONS (IN ORDER OF PREFERENCE)

- STRAW SHALL CONSIST OF THOROUGHLY THRESHED WHEAT. RYE OR OAT STRAW, REASONABLY BRIGHT IN COLOR. AND SHALL NOT BE MUSTY, MOLDY, CAKED, DECAYED, OR EXCESSIVELY DUSTY, AND SHALL BE FREE OF NOXIOUS WEED SEEDS AS SPECIFIED IN THE NRCS SEED LAW.
- WOOD CELLULOSE FIBER MULCH (WCFM)
  - WCFM SHALL CONSIST OF SPECIALLY PREPARED WOOD CELLULOSE PROCESSED INTO A UNIFORM FIBROUS PHYSICAL STATE.
  - WCFM SHALL BE DYED GREEN OR CONTAIN A GREEN DYE IN THE PACKAGE THAT WILL PROVIDE AN APPROPRIATE COLOR TO FACILITATE THE VISUAL INSPECTION OF THE UNIFORMLY SPREAD SLURRY.
  - WCFM, INCLUDING DYE, SHALL CONTAIN NO GERMINATION OR GROWTH INHIBITING FACTORS.
  - WCFM SHALL BE MANUFACTURED AND PROCESSED IN SUCH A MANNER THAT THE WOOD CELLULOSE FIBER MULCH WILL REMAIN IN UNIFORM SUSPENSION IN WATER UNDER AGITATION AND WILL BLEND WITH SEED, FERTILIZER, AND OTHER ADDITIVES TO FORM A HOMOGENOUS SLURRY. THE MULCH MATERIAL SHALL FORM AB BLOTTER-LIKE GROUND COVER. ON APPLICATION, HAVING MOISTURE ABSORPTION AND PERCOLATION PROPERTIES AND SHALL COVER AND HOLD GRASS SEED IN CONTACT WITH THE SOIL WITHOUT INHIBITING THE GROWTH OF THE GRASS SEEDLINGS.
  - WCFM SHALL CONTAIN NO ELEMENTS OR COMPOUNDS AT CONCENTRATION LEVELS THAT WILL BE PHYTO-TOXIC.
  - WOOD CELLULOSE FIBER MUST CONFORM TO THE FOLLOWING PHYSICAL REQUIREMENTS: FIBER LENGTH TO APPROXIMATELY 10 MM., DIAMETER APPROXIMATELY 1 MM., ph range of 4.0 to 8.5 ash content of 1.6% maximum, AND WATER HOLDING CAPACITY OF 90% MINIMUM

NOTE: ONLY STERILE STRAW MULCH SHOULD BE USED IN AREAS WHERE A STAND OF ONE SPECIES OF GRASS IS DESIRED.

MULCHING SEEDED AREAS - MULCH SHALL BE APPLIED TO ALL SEEDED AREAS

IMMEDIATELY AFTER SEEDING.

- IF GRADING IS COMPLETED OUTSIDE OF THE SEEDING SEASON, MULCH ALONE SHALL BE APPLIED AS PRESCRIBED IN THIS SECTION AND MAINTAINED UNTIL THE SEEDING SEASON RETURNS, AND SEEDING CAN BE PERFORMED IN ACCORDANCE WITH THESE SPECIFICATIONS.
- WHEN STRAW MULCH IS USED, IT SHALL BE SPREAD OVER ALL SEEDED AREAS AT THE RATE OF 2 TONS/ACRE. MULCH SHALL BE APPLIED TO A UNIFORM LOOSE DEPTH OF BETWEEN 1 AND 2 INCHES. MULCH APPLIED SHALL ACHIEVE A UNIFORM DISTRIBUTION AND DEPTH SO THAT THE SOIL SURFACED IS NOT EXPOSED. IF A MULCH ANCHORING TOOL IS TO BE USED, THE RATE SHOULD BE INCREASED TO 2.5 TONS/ACRE.
- WOOD CELLULOSE FIBER USED AS A MULCH SHALL BE APPLIED AT A NET DRY WEIGHT OF 1,500 LBS. PER ACRE. THE WOOD

#### CELLULOSE

FIBER SHALL BE MIXED WITH WATER, AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LBS. OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.

- SECURING STRAW MULCH (MULCH ANCHORING)" MULCH ANCHORING SHALL BE PERFORMED IMMEDIATELY FOLLOWING MULCH APPLICATION TO MINIMIZE LOSE BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS (LISTED BY PREFERENCE). DEPENDING UPON SIZE OF AREA AND EROSION HAZARD.
  - A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES. THIS IS THE MOST EFFECTIVE ON LARGE AREAS. BUT IS LIMITED TO FLATTER SLOPES WHERE EQUIPMENT CAN OPERATE SAFELY. IF USED IN SLOPING LAND, THIS PRACTICE SHOULD BE USED ON THE CONTOUR. IF POSSIBLE.
  - WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. THE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LBS./ACRE. THE WOOD CELLULOSE FIBER SHALL BE MIXED WITH WATER. AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LBS. OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.
  - APPLICATIONS OF LIQUID BINDERS SHOULD BE APPLIED HEAVIER AT EDGES WHERE WIND CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. THE REMAINDER OF AREA SHOULD BE UNIFORM AFTER BINDER APPLICATION. SYNTHETIC BINDERS -SYNTHETIC BINDERS SUCH AS ACRYLIC DRL (AGRO-TACK). DCA-70, PETROSET, TERRA TAX II, TERRA TACK AR, OR THERE APPROVED EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER TO ANCHOR MULCH.
- LIGHTWEIGHT: PLASTIC NETTING MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. NETTING IS USUALLY AVAILABLE IN ROLLS 4 TO 15 FEET WIDE AND 300 TO 3,000 FEET LONG.

SECTION II: TEMPORARY SEEDING

VEGETATION - ANNUAL GRASS OR GRAIN USED TO PROVIDE COVER ON DISTURBED AREAS FOR UP TO TWELVE MONTHS. FOR LONGER DURATION OF VEGETATIVE COVER, PERMANENT SEEDING IS REQUIRED.

A SEED MIXTURES (HARDINESS ZONE 6R) - TEMPORARY SEEDING

A. SEED MIXTURES (HARDINESS ZUNE OB) - TEMPURART SEEDING							
<u>Species</u>	Minimum S	Seeding Rate	<u>Planting</u>		Seeding Dates		
Species	(lbs/Ac lbs/1000sf)		<u>Depth</u> (inches)	3/1-4/30	5/1-8/14		
Choose one:							
Barley	122	2.80	1-2	X	<del>-</del>		
Oats	96	2.21	1-2	×			
Rye	140	3.22	1-2	X	_		
Barley or	150	3.45	1	Χ	X		
Rye plus				X	X		
Foxtail Millett							
Weeping	4	0.09	1/4 -1/2		X		
Lovegrass							
Annual	50	1.15	1/4 -1/2	×			
Ryegrass							
Millett	50	1.15	1/2	_	X		

FERTILIZER RATE (10-10-10) LIME RATE

600 LBS/AC OR 14 LBS/1000 SF 2 TONS/AC OR 92 LBS/1000 SF

SOILS:

SEDIMENT CONTROL PRACTICES:

SEE SHEETS CG501-502 FOR DETAILS OF SEDIMENT CONTROL PRACTICES TO BE USED AT THE SITE.

PERMANENT VEGETATIVE STABILIZATION:

THE DISTURBED AREAS WILL BE STABILIZED PER THE SEQUENCE OF OPERATIONS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES.

STANDARD EROSION AND SEDIMENT CONTROL NOTES

- 1. ALL SEDIMENT AND EROSION CONTROL PRACTICES THAT ARE INTENDED FOR USE PRIOR TO EXCAVATION SHALL BE INSTALLED BEFORE THE START OF EXCAVATION AND/OR DEMOLITION AS PER THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR THE DISTRICT OF COLUMBIA. IF ANY ON-SITE INSPECTION REVEALS FURTHER EROSION CONTROL MEASURES ARE NECESSARY. THE SAME SHALL BE PROVIDED.
- 2. ALL DEBRIS SHALL BE REMOVED FROM THE SITE.

CONFIGURATION WITHIN THIS TIME PERIOD AS WELL.

- 3. ADJACENT STREETS AND SIDEWALKS SHALL BE SWEPT CLEAN AT ALL TIMES DURING DEMOLITION AND EXCAVATION OPERATIONS. DURING EXCAVATION AND DEMOLITION OPERATIONS. EXCAVATED MATERIAL SHALL BE TEMPORARILY STOCKPILED ON HE SITE. UPHILL FROM THE EXCAVATED AREA SO THAT ANY SEDIMENT EROSION WILL BE DIRECTED TO THE EXCAVATION AREA.
- 4. ANY STOCKPILING, REGARDLESS OF LOCATION SHALL BE STABILIZED AND COVERED WITH PLASTIC OR CANVAS. AFTER ITS ESTABLISHMENT AND FOR DURATION OF THE PROJECT.
- 5. ALL CATCH BASINS, INLETS AND DRAIN AREAS SHALL BE PROTECTED DURING EXCAVATION AND CONSTRUCTION. 6. IF ANY CATCH BASINS OR DRAINS BECOME CLOGGED AS A RESULT OF DEMOLITION. EXCAVATION OR CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS CLEANING.
- 7. AFTER RAZING OR DEMOLITION, THERE IS THE NEED FOR GROUNDCOVER TO PREVENT EROSION AND SEDIMENT RUNOFF FROM OCCURRING. SUCH AS APPLYING SEED, SOD, PAVE, BRICKBAT OR MULCH, ETC.
- 8. THE SITE'S APPROVAL LETTER, APPROVED EROSION AND SEDIMENT CONTROL PLANS, DAILY LOG BOOKS AND TEST REPORTS SHALL BE AVAILABLE AT THE SITE FOR INSPECTION BY AUTHORIZED OFFICIALS OF DCRA RESPONSIBLE FOR PROJECT. 9. TEMPORARY SEDIMENT CONTROL DEVICES MAY BE REMOVED, WITH PERMISSION OF DCRA INSPECTOR, WITHIN THIRTY (30) CALENDAR DAYS FOLLOWING ESTABLISHMENT OF PERMANENT STABILIZATION IN ALL CONTRIBUTORY DRAINAGE AREAS. STORMWATER MANAGEMENT STRUCTURES USED TEMPORARILY FOR SEDIMENT CONTROL SHALL BE CONVERTED TO THE PERMANENT

10. VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE DCRA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. REFER TO APPROPRIATE SPECIFICATIONS FOR TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SODDING AND GROUND COVERS.

- 11. SEDIMENT CONTROL FOR UTILITY CONSTRUCTION FOR AREAS OUTSIDE OF DESIGNED CONTROLS OR AS DIRECTED BY ENGINEER OR DCRA INSPECTOR:
  - (A) CALL "MISS UTILITY" AT 1-800-257-7777 72 HOURS PRIOR TO THE START OF WORK.
- (B) EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH.
- (C) TRENCHES FOR UTILITY INSTALLATION SHALL BE BACKFILLED, COMPACTED AND STABILIZED AT THE END OF EACH WORKING DAY. NO MORE TRENCHES SHALL BE OPENED THAN CAN BE COMPLETED THE SAME DAY.
- (D) TEMPORARY SILT FENCE SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF ANY DISTURBED AREA INTENDED TO REMAIN DISTURBED FOR MORE THAN ONE DAY.

THIS PLAN IS FOR SEDIMENT CONTROL USE ONLY.

Project Title Civil Sediment and Erosion Control Notes

Project Number OIF / OEF WELCOME CENTER DEPARTMENT OF VETERANS AFFAIRS Building Number VAMC

50 Irving Street NW Washington DC

Checked

JMS

Office of 688-334 OIF/OEF Construction and Facilities Location Veterans Affairs Medical Center Drawing Number Management

**CG500** Department of Veterans Affairs

CONSULTANTS:

GREENHORNE & O'MARA, INC. 6110 FROST PLACE LAUREL, MD 20707 PHONE: 301-982-2800 FAX: 301-220-2619

ARCHITECT/ENGINEERS:

EWING

PE906144

Approved: Project Director

1025 Connecticut Avenue, NW Suite 900 Washington, DC 20036-5405

Tel: 202-467-1500 Fax: 202-296-8950

Design Criteria

Slope Length

(maximum)

Unlimited

200 feet

100 feet

100 feet

50 feet

Silt Fence Length

(maximum)

Unlimited

1,500 feet

1,000 feet

500 feet

250 feet

WATERSHED PROTECTION DIVISION

B - 6 - 4 | DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH

Project Number

688-334 OIF/OEF

**CG501** 

Office of

Construction

and Facilities

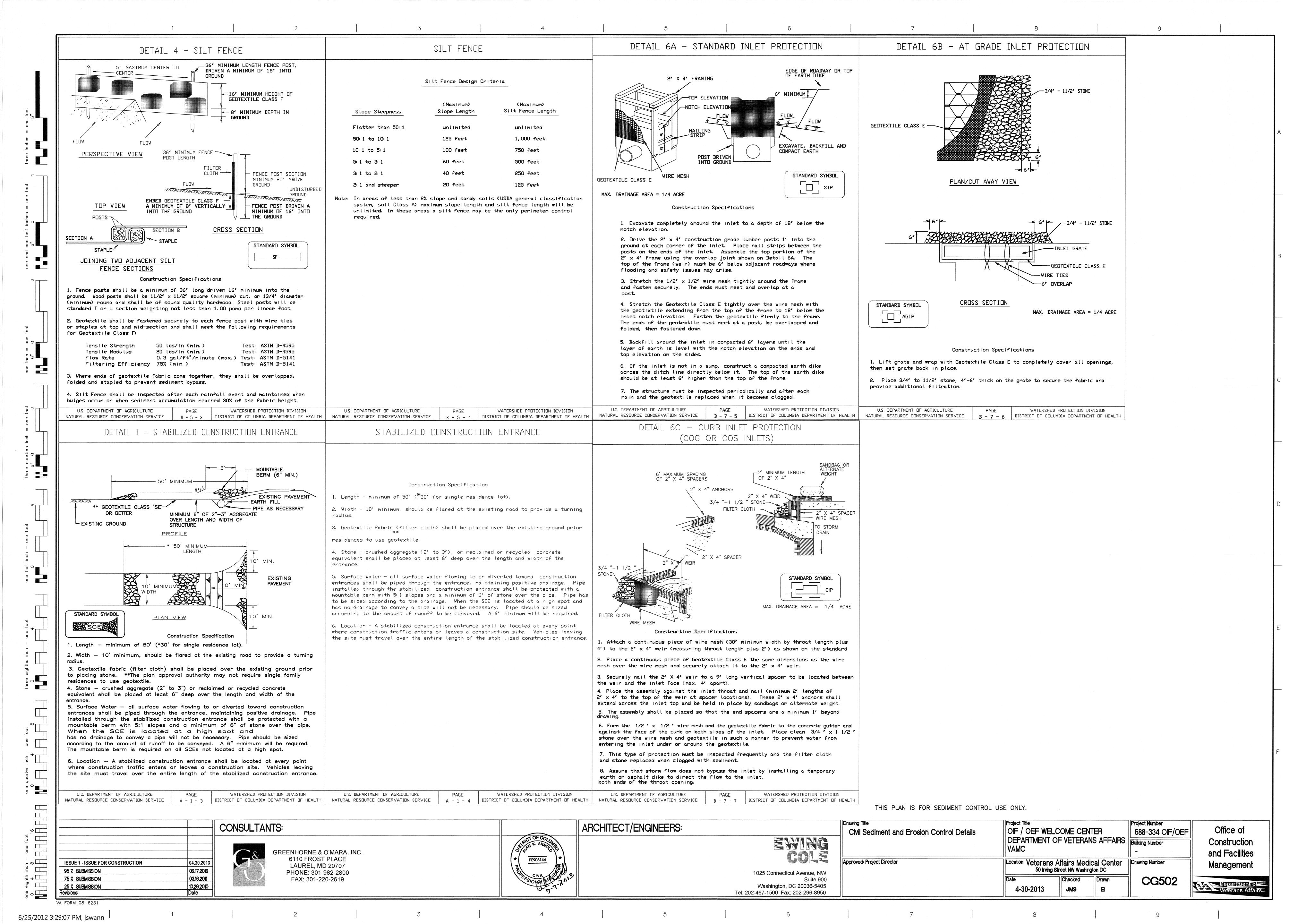
Management

Department of Veterans Affairs

one eighth inch = one toot

0 4 8 16

116 VA FORM 08-6231



cn = vire root
8
16 ISSUE 1 - READY TO ADVERTISE 95 % SUBMISSION 75 % SUBMISSION 25 % SUBMISSION

VA FORM 08-6231

CONSULTANTS:	
GREENHORNE & O'MARA, INC. 6110 FROST PLACE LAUREL, MD 20707 PHONE: 301-982-2800 FAX: 301-220-2619	PE906144  PE906144  PE906144  PE906144

04.30.2013

02.17.2012

03.16.2011

10.29.2010

ARCHITECT/ENGINEERS: EWING

1 2 5 7

Washington, DC 20036-5405 Tel: 202-467-1500 Fax: 202-296-8950

1025 Connecticut Avenue, NW

Drawing Title	
Civil Sediment and Erosi	on Certifications
Approved: Project Director	
Approved Frejost Sil ester	

Project Title OIF / OEF WELCOME CENTER DEPARTMENT OF VETERANS AFFAIRS Building Number Location Veterans Affairs Medical Center
50 Irving Street NW Washington DC

Drawing Number

4-30-2013

Checked

TELEPHONE NO.

Project Number 688-334 OIF/OEF

CG503

Office of Construction and Facilities Management

Department of Veterans Affairs

STATEMENT BY PROFESSIONAL ENGINEER REGISTERED IN THE DISTRICT OF COLUMBIA

THIS IS TO CERTIFY THAT THE ENGINEERING FEATURES OF THIS STORMWATER DISCHARGE FACILITY HAVE BEEN DESIGNED/EXAMINED BY ME AND FOUND TO BE IN COMFORMITY WITH MODERN ENGINEERING PRINCIPLES APPLICABLE TO THE TREATMENT AND DISPOSAL OF STORMWATER POLLUTANTS, I FURTHER CERTIFY THAT THE FACILITY HAS BEEN DESIGNED IN ACCORDANCE WITH THE SPECIFICATION REQUIRED UNDER SECTION 526 THROUGH 535 OF DCMR-21, CHAPTER 5. IT IS ALSO STATED THAT THE UNDERSIGNED HAS FURNISHED THE APPLICANT WITH A SET OF INSTRUCTIONS FOR THE MAINTENANCE AND OPERATION OF THE STORMWATER DISCHARGE FACILITY.

Like 1966	
	phold Senion Phinopal
NAME AND TITLE (PLEASE PRINT)	
6110 FROST PLACE	
LAUREL, MARYLAND 20707	
ADDRESS 5-9-2013	(301) 982-2800

TELEPHONE

1-1-00

### AS BUILT CERTIFICATION

I HEREBY CERTIFY THAT STORMWATER DISCHARGE FACILITY HAS BEEN BUILT SUBSTANTIALLY IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, AND THAT ANY SUBSTANTIAL DEVIATIONS (NOTED BELOW) WILL NOT PREVENT THE SYSTEM FROM FUNCTIONING IN COMPLIANCE WITH THE REQUIREMENTS OF SECTION 526 OF DCMR-21, CHAPTER 5 WHEN PROPERLY MAINTAINED AND OPERATED. THESE DETERMINATIONS HAVE BEEN BASED UPON ON-SITE OBSERVATION OF CONSTRUCTION, SCHEDULED AND CONDUCTED BY ME OR BY A PROJECT REPRESENTATIVE UNDER MY DIRECT SUPERVISION. I HAVE ENCLOSED ONE SET OF AS-BUILT ENGINEERING DRAWINGS.

SIGNATURE OF ENGINEER	NAME (PLEASE TYPE) D.C. REG. NO.
AFFIX SEAL	GREENHORNE & O'MARA
	COMPANY NAME
	6110 FROST PLACE LAUREL, MD. 20707
	COMPANY ADDRESS
	(301) 982-2800

SUBSTANTIAL DEVIATIONS FROM THE APPROVED PLANS AND SPECIFICATIONS (SHEET ATTACHED IF REQUIRED)

PHONE NO.

## STATEMENT BY PERSON RESPONSIBLE FOR MAINTENANCE

THE UNDERSIGNED AGREES TO MAINTAIN AND OPERATE THE DISCHARGE FACILITIES IN SUCH A MANNER AS TO COMPLY WITH THE PROVISIONS OF SECTION 526 OF DCMR-21, CHAPTER 5. RESPONSIBILITY FOR MAINTENANCE AND OPERATION MAY BE TRANSFERED TO AN OTHER ENTITY UPON WRITTEN NOTICE TO WATERSHED PROTECTION DIVISION OF THE DEPARTMENT OF HEALTH FROM THE UNDERSIGNED AND THE ENTITY ASSUMING RESPONSIBILITY, CERTIFYING THAT THE TRANSFER OF RESPONSIBILTY FOR MAINTENANCE AND OPERATION IN COMPLIANCE WITH SECTION 526 OF DCMR-21, CHAPER 5 HAS BEEN ACCEPTED.

SIGNATURE	OF	THE	PERSON	N RESP	ONSIBLE	FOR	MAINTENANCE	(IT	MAY	BE	THE	APPLICAN	T)
NAME AND	TITL	.E (P	LEASE	TYPE)				***************************************					
ADDRESS													
									***********************				

THIS PLAN IS FOR SEDIMENT CONTROL USE ONLY.

